



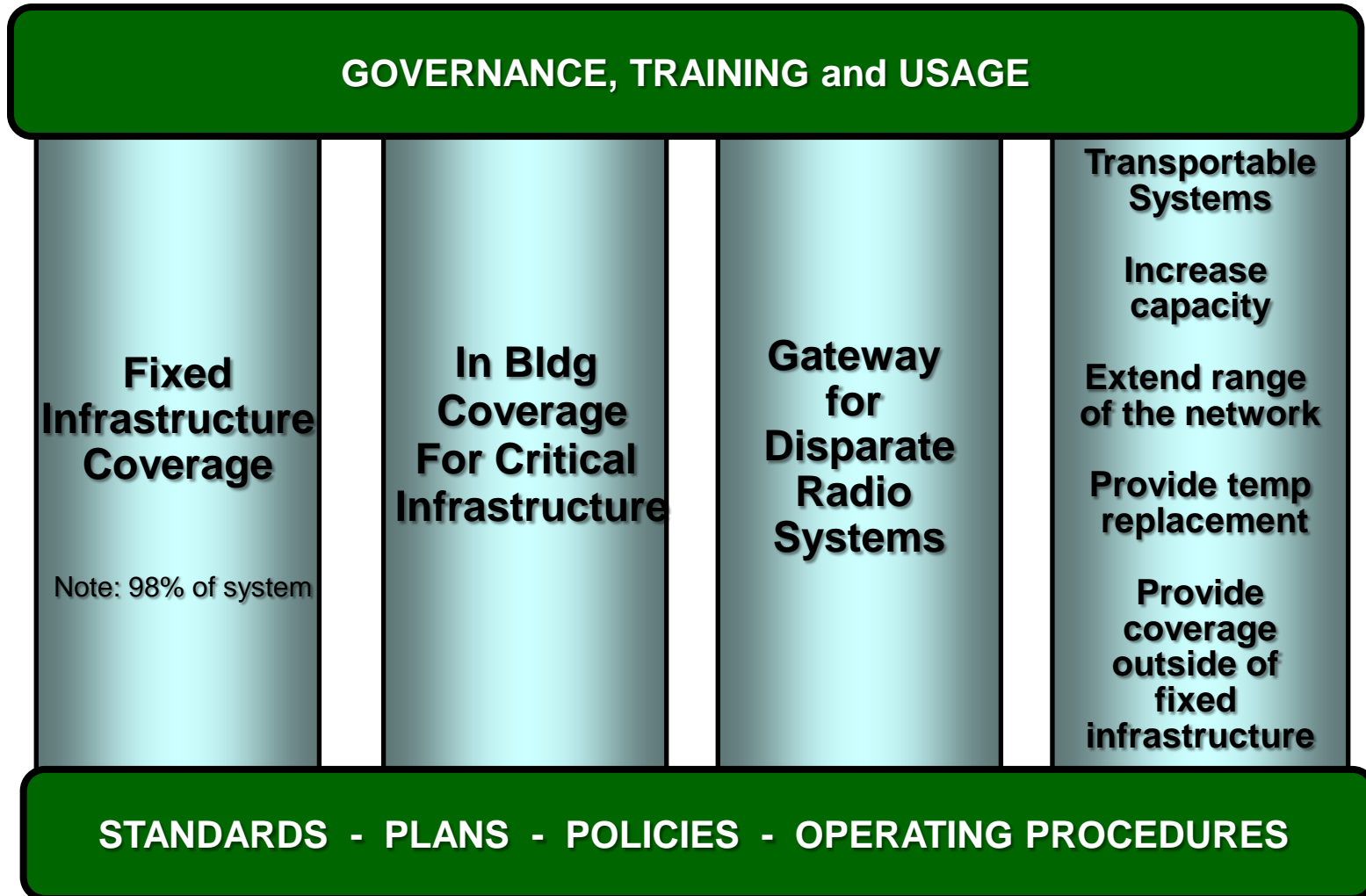
Alaska Land Mobile Radio
ALMR User Council
Annual Meeting
MotoBridge® Update

September 22, 2009

Overview

- Strategic fit
- Functional description
- Project background
- Physical description and resources
- Operational concept
- Process work
- Current status
- Remaining tasks and timeline
- MotoBridge[®] locations

Strategic Fit



Functional Description

- Dispatch-centric gateway
- Talkgroups and frequencies on an ALMR console can be bridged with talkgroups and frequencies on any other ALMR console
- Non-ALMR frequencies in radios connected to the MotoBridge[®] Gateway can be bridged with ALMR talkgroups
- New radios can be connected to a MotoBridge[®] Gateway with the proper cables and antennas

Project Background

- Concept demonstration - 2005
- Design - 2006/2007
- Manufacture – 2008
- Site visit and workshop - 2008
- Installation - 2008/2009
- Network upgrades – 2008/2009
- Training and implementation - 2009

Physical Description

- 26 dispatch locations – many collocated with ALMR dispatch
- 7 separate transmit/receive sites
- Transport provided by State of Alaska microwave system
- Central servers (SIP and OMC) located at the Anchorage EOC

Types of Resources Available

- ALMR talkgroups
- Conventional frequencies
 - Pre-programmed radios
 - Tunable radios
 - Donor radios
- Air-to-Ground
 - Civilian
 - Military
- Maritime
- Multi-band tactical radios

Operational Concept

- Dispatch operator bridges the disparate radio to the ALMR user
- The bridge can be requested by either party following established protocols
- Meant to be utilized for non day-to-day, short-duration and incident-specific radio traffic
- The donor radio agency can only access ALMR within their normal coverage area
- ALMR users can access the donor radio agency from anywhere in the state where ALMR coverage exists

Process Work

- Florida FIN site visit - May 2008
- Gateway Summit - July 2008
- Policies, Procedures and Protocols – January 2009
- CONOPs – August 2009
- Training – August – October 2009
- Drawer plans – October 2009

Current Status

- All equipment in Alaska
- Equipment installation complete at 22 of 33 locations
- Transport complete at 18 of 33 locations
- Testing and optimization complete at 17 sites

Remaining Work

- All sites scheduled to be completed by September 30 except potentially Pillar Mountain, Saddle Mountain and Valdez
- Training at DOD sites began the week of August 24
- Drawer plan work scheduled to be complete by end of October
- Shakeout of procedures and COMMEXs will occur for the balance of the year

DOD Dispatch Locations

- Eielson AFB
- Elmendorf – MOC
- Elmendorf – CAP
- Elmendorf RCC
- Ft. Greely
- Ft. Richardson
- Ft. Richardson - Range Control
- Ft. Wainwright

State Dispatch Locations

- Delta AST
- Fairbanks AST
- Glennallen Forestry
- Palmer Forestry
- Soldotna AST
- Soldotna Forestry
- Tok AST
- Tudor Road ETS
- Wasilla AST (MATCOM)
- University of Alaska Fairbanks PD

Local Government Locations

- Juneau PD
- Kodiak PD
- Seward PD
- Valdez PD
- Fairbanks PD
- Homer PD

Questions?

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